

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 2

**In the specification:**

Please replace Table III on pages 89-91 with Table III as follows:

**TABLE III**

SEQ ID NO. 1

>40\_TCC\_13F11\_M13F.fa      TIME:    Sun   Sep   10   11:42:06   2000   trimming  
information:   raw\_sequence:582   (high   quality:29-320)   sequence:97-252  
[length:156]  
TCCGTCTCATTGAGGGTCCTGAGGAAGTTGATCTCATCATTGAGGGCATC  
CACCTTGGCCTCCAGCTCCACCTTGCTCATGTAGGCAGCATCCACATCCT  
TCTTCAGCACCAAACTCATTCTCAGCAGCTGTGCGGCGGTTAATTCA  
TCTTCG

SEQ ID NO. 2

B2 >04\_TCC\_94G3\_M13F.TXT.fa ,constant: 15, poly A: yes  
AAGGCTTATTCATCCGGACCGCATCCGCCAGTCGCAGGAGTGCCCGCGACTGAGCCGCC  
TCCCACCACTCCACTCCTCCAGCCACCACCCACAATCACAAGAAGATTCCCACCCCTGCC  
TCCCATGCCTGGTCCCAAGACAGTGAGACAGTCTGGAAAGTGATGTCAGAATAGCTTCCA  
ATAAAGCAGCCTCATTCTGAGGCCTGAGTGAAAAA

SEQ ID NO. 3

>20\_TCC\_60H4\_M13F.TXT.fa ,constant: -1, poly A: no  
CANTATATAACNAATTGGAGCTCAATNGCNCGCGNCGCGTGTCTTCTGGGTAGAGGGAT  
GNGAAGGAAGGGACCTTACCCCCGGCTCTTCTCCTGACCTGCCAATAAAAAATTTATGGT  
CCAAGGNAAAANA

SEQ ID NO. 4

>26\_TCC\_44C1\_M13F.TXT.fa ,constant: -1, poly A: no  
ACTCATTGAACTTGAGCTCCGANTCCTGATTNCATCNAAGCTCTNNATCTGCTCATCAN  
GAGANCCACATCCTTGAGCAGATGGNGCANCTGCTGNTTAACCANCTCTNNGAACTCGN  
AGANNNTAAGGCTATCCTTCCGGNCCTCCTGCCTTGCAAAGGTGAAGAAAGTGGTGNNCA  
CNGTCNCAATGGANTCCTCTAGCTCTGTGAGTGGTTCTGCTGCNATTATGGAACCTGAGG  
CCAAAGCTGATGTCCTCAAGGGGCTAGCTGACCTTTGTGAGGGCTGACCTCTCCTCAGCG  
GCAGCAGGGCAGAGTGCTGAACCCAGGAACCCACAGATCCTCCCCGNTCCTGTCTCCCGG  
TGACAAGGGTCTTGGAACGGGGCGTCTCTGACTCCCTGCTCCAGGACGGGTTTAAGT

SEQ ID NO. 5

>29\_TCC\_48G1\_M13F.TXT.fa ,constant: -1, poly A: no  
ACTTTGAGAAGGCAGGACTCAATGATGCCCTGGAGATGTCACAGATTCTGGCAGAGCC  
ATGGTCCCAGGCTTCCCAAAAGTGTTTGTTGGCAATTATTCCCCTAGGCTGAGCCTGCTC  
ATGT

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 3

SEQ ID NO. 6

>31\_TCC\_65B9\_M13F.TXT.fa ,constant: -1, poly A: yes  
GACTAGAACCCACCCCTTNCCTTCCAGCCTTTCTGTCATCATCTCCACAGNCCANCCAT  
CCCCTGAGCACACTAACCATCTCATGCAGGCCCCACCTGCCAATAGTAATAAAGCAATGT  
CACTTTGTTAAAACATGAAAAAAAAA

SEQ ID NO. 7

>47\_TCC\_91B11\_M13F.TXT.fa ,constant: -1, poly A: yes  
CTAGTATACACTCCNCATAGNATACGTTGCAGCTCAATTGCGCGCGGNCGCGGACGACGA  
CCTGCGAGGGTGTCTTCTGGGTAGAGGGATGGGAAGGAAGGGACCCCTTACCCCCGGCTCT  
TCTCCTGACCTGCCAATAAAAATTTATGGTCCAAGGAAAAAAAAA

SEQ ID NO. 8

B2  
>10\_TCC\_53H11\_T3  
TTTTTTNNATNTTATTTTGGGTATTGGTGTNTTTCTTTTTTTCCTCTTNCCTTCTTAACT  
CAAGACTTGTAGTGTGTAAACCTGCCTCACAAAATACATGGTAATAACTTNTCTTTAAA  
AAAAAAGACAGNCTTACACCATTTCTAATNGNANNACTATTTTTGGGCAATGTT  
ATGCACCACTTCAATTTCCCCATTGTGACCCCTATCACTTCATTTGATATCCCTTTTNGA  
CCCANCCATCTCCTTCATATATGGGCATGTCCATAGATTGACAAAGAAAGTTTACACTTT  
NGAATAAAGATGCAAAGTATGCAAAACATTAATACTGATGCNAAAAAANTANAAAAA

SEQ ID NO. 9

>07\_TCC\_57B3\_M13F.TXT ,constant: -1, poly A: yes  
GGTACCGACGGACCTGCGGAGACTCCTGCCCTGTTGTGTATAGATGCAAGATATTTATAT  
ATATTTTTTGGTTGCAATATTAAATACAGACACTAAGTTATAGTATATCTGGCAAGCCAAC  
TTGTAAATCACCACTCACTCCTGTACTTACCTAAACAGATATAAATGGCTGGTTTTTAA  
GAAAAAAAAA

SEQ ID NO. 10

>11\_TCC\_25F2\_M13F.TXT ,constant: -1, poly A: no  
ACCCTGGGAGAGAAGTTTGAAGAAACCACAGCTGATGGCAGAAAACTCAGACTGCTGCA  
ACTTTACAGATGGTGCATTGNGTCAGCATAGGAGTGAGATGGGGAAGGAAAGCACANTAA  
CAAGAAAATTGANAGATGNTAAATTAGTGNTGGAGTGTGTGCATGAACAATGCACCTGT

SEQ ID NO. 11

>25\_TCC\_50G5\_M13F.TXT ,constant: 17, poly A: yes  
TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTAATGTTACAACAATATT  
TTTAAAGAAAAACATGTTTTAGAAATTTGGTTTCAAGTGACATGTGTGAAAACAATATCG  
ATACTACCATAGTGAGCCATGATTTTCTAAAAAAAAA

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 4

SEQ ID NO. 12

>26\_TCC\_50G6\_M13F.TXT ,constant: 17, poly A: yes  
TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTTAAATGTTACAACAACACTATT  
TTTTAAGAAAAACAAGTTTTAGAAATTTGGTTCAAGTGACATGTGTGAAAACAATATTGT  
ATACTACCATAGTGAGCCATGATTTTCTAAAAAAA

SEQ ID NO. 13

>26\_TCC\_75E3\_M13F\_B04\_032.ab1.TXT ,constant: 16, poly A: yes  
AAAGAGGGCGGCAGGGGCCTGGAGATCCTCCTGCAGACCACGCCCCGTCCTGCCTGTGGCG  
CCGTCTCCAGGGGCTGCTTCCTCCTGGAAATTGACGAGGGGTGTCTTGGGCAGAGCTGGC  
TCTGAGCCGCCCTCCATCCAAGGCCAGGTTCTCCGTTAGCTCCTGTGGCCCCACCCCTGGG  
CCCTGGGCTGGAATCAGGAATATTTTCCAAAGAGTGATAGTCTTTTTGCTTTTTTGGCAAA  
ACTCTACTTAATCCAATGGGTTTTTCTCTGTACAGTAGATTTTCCAAATGTAATAAACTT  
TAATATAAAGTAAAAAAA

SEQ ID NO. 14

B2 >30\_TCC\_76B3\_M13F\_F04\_042.ab1.TXT ,constant: 16, poly A: yes  
AAAGTCATCCTCCGTCTACCAGAGCGTGCACTTGTGATCCTAAAATAAGCTTCATCTCCG  
GGCTGTGCCCCCTGGGGTGAAGGGGCAGGATTCTGCAGCTGCTTTTGCATTTCTCTTCC  
TAAATTTTCAATTGTGTTGATTTCTTTCTTCCCAATAGGTGATCTTAATTACTTTTCAAGAT  
ATTTTCAAAATAGATATATTTTTTAAATCCTTAAAAAAA

SEQ ID NO. 15

>38\_TCC\_56E11\_M13F.TXT ,constant: -1, poly A: yes  
CTCTCCAGTTTGCACCTGTCCCCACCCCTCCACTCAGCTGTCCTGCAGCAAACACTCCACC  
CTCCACCTTCCATTTTCCCCACTACTGCAGCACCTCCAGGCCTGTTGCTATAGAGCCTA  
CCTGATGTCAATAAACAACAGCTGAAGCAAAAAAAA

SEQ ID NO. 16

>46\_TCC\_78B11\_M13F\_F06\_058.ab1.TXT ,constant: 16, poly A: yes  
AGGAAAGGTGNGNGCTGGAAGCACTGAACCTACCTCATCCTCCTGGTGGGTGTGGCTACC  
CTCGCCACCCCAAATTCCATGTCAATAAAGAACAGCTAAATTCAAAAAAAA

SEQ ID NO. 17

>53\_TCC\_79G2\_M13F\_E07\_054.ab1.TXT ,constant: 16, poly A: no  
TGTCCGTCTTCACCCATCCCCAAGCCTACTAGAGCAAGAAACCAGTTGTAATATAAAATG  
CACTGCCCTACTGTTGGTATGACTACCGTTACCTACTGTTGTCATTGTTATTACAGCTAT  
GGCCACTATTATTAAAGAGCTGTGTAACATCAAAAAA

SEQ ID NO. 18

>82\_TCC\_89G3\_M13F\_B11\_092.ab1.TXT ,constant: 16, poly A: yes  
CAGGAGACCATCCGCGTCACCAAGCCCTGCACCCCCAAGACCAAAGGCCAAAGCC  
AAGAAAGGGAAGGGAAAGGACTAGACGCCAAGCCTGGATGCCAAGGAGCCCCCTGGTGTCA  
CATGGGGCCTGGCCCACGCCCTCCCTCTCCAGGCCCGAGATGTGACCCACCAGTGCCTT

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 5

CTGTCTGCTCGTTAGCTTTAATCAATCATGCCCTGCCTTGTCCCTCTCACTCCCCAGCCC  
CACCCCTAAGTGCCCAAAGTGGGGAGGGACAAGGGATTCTGGGAAGCTTGAGCCTCCCCC  
AAAGCAATGTGAGTCCCAGAGCCCGCTTTTGTCTTCCCCACAATTCCATTACTAAGAAA  
CACATCAAATAAACTGACTTTTTCCCCCAAAAAAAAA

SEQ ID NO. 19

>35\_TCC\_21D6\_M13F\_C05\_037.ab1.fa TIME: Wed Aug 9 12:48:31 2000 trimming  
information: raw\_sequence:889 (high quality:34-340) sequence:95-456  
[length:362]

CTTTGACGTGGAGAGGAACCTCCTGCAATAACTTCATCTATGGAGGCTGCC  
GGGGCAATAAGAACAGCTACCGCTCTGAGGAGGCCTGCATGCTCCGCTGC  
TTCCGCCAGCAGGAGAATCCTCCCCTGCCCCTTGGCTCAAAGGTGGTGCT  
TCTGGCGGGGCTGTTTCGTGATGGTGTGATCCTCTTCTGGGAGCCTCCA  
TGGTCTACCTGATCCGGGTGGCACGGAGGAACCAGGAGCGTGCCCTGCGC  
ACCGTCTGGAGCTCCGNAGATGACAAGGAGCAGCTGGTGAAGAACACATA  
TGTCCTGTGACCGCCCTGTGCGCAAGAGGACTGGNGAAAGGGAGGGGAGA  
CTATGTGTGAGC

32  
SEQ ID NO. 20

>46\_TCC\_27H5\_M13F\_F06\_058.ab1.fa TIME: Wed Aug 9 12:48:35 2000 trimming  
information: raw\_sequence:892 (high quality:169-406) sequence:170-287  
[length:118]

AAAAAGAGTAAACACTTTCAGTTTCTCCCCTTTAGCCCCTAAACAACA  
TCTTACAGTCTGGATCTGGATCTACCTATACAGTCTACATTAGCTTCTA  
AAATATTTGTGAGGAGGG

Please replace Table IV on pages 92-94 with Table IV as follows:

TABLE IV

33  
SEQ ID NO. 21

>31\_TCC\_10E8\_M13F.fa TIME: Sun Sep 10 11:42:01 2000 trimming information: raw\_sequence:549 (high  
quality:25-313) sequence:98-313 [length:216]

CCCAAATGGAATGTTGCCCCCTTAAACACCATTTTCCCTCCAGGACCACC  
TTGGTTTCTAGGCACTGTGGTTCTTGGCAGGGGCTGTCTTAGGTAAAAGG  
GTAGTTGTGGAGCTACAGTCTGAAGAACATAGCTTGGGCTCAAGTTCAAA  
TGAGCCATCTTTTTCCTTTGCGTTTTTCTTGACTGAAGGTGAGATGTTAT  
TTGTGGCATGTGAACT

SEQ ID NO. 22

>09\_TCC\_101C11\_M13F.TXT.fa ,constant: 16, poly A: yes

ACAAAGACTGCTGATAACTATCTGTGATTGATAGGAAATTTTTTTCTTGATTCTCTGT  
GAGAAATGTAATGCTGACTTTTATAAAGCCTGGACTTCTACTTTATTTAATAAATCAATG  
TTTGCAATGGTAAAAAAA

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 6

SEQ ID NO. 23

>11\_TCC\_101E11\_M13F.TXT.fa ,constant: 15, poly A: yes  
GCAATAAAGCTGTCCATTCAATTCCAAATACTGGTTTTTAAGNGTATAGCCACTGATATTC  
TTTCATGTNTAGAAATTCTTTCTGTTATTATTCAAGAAAATGTTTTTAATCATGCTAATA  
AACTTTTTTGGAGATGAAAAAAAAA

SEQ ID NO. 24

>15\_TCC\_57C3\_M13F.TXT.fa ,constant: -1, poly A: no  
GGNACCACGTACCTGCTGAATGTNTCNCGNNATGNCGNCAGGCCATGCTGTTGCTGATN  
TANTACTNTGAAAATANGGATATCATGATGGGAATGCATGTCATGAGGTCCAGANTCGTT  
CTACTGTCNATAANCTGTNTACTNGCGTTGANAANAAANGATGTCAAAGNCCCCCGTAA  
AAANGTA

SEQ ID NO. 25

>44\_TCC\_70E8\_M13F.TXT.fa ,constant: 15, poly A: yes  
GTCCCAGTCTTCACCAGGTGTCTCTCCTCTTTTACTCAGGAGGACTTTCCCAGGAAAACC  
ATGCCACTAGCAAAAAAAAAA

SEQ ID NO. 26

>03\_TCC\_57E11\_T7.TXT.fa ,constant: 16, poly A: yes  
TGAGTGTCTTCAGGCCAACCTGGTGGAATGTTGTTCTCTGAAGATTAAGATTTTAGGAT  
GGCAATCATGTCTTGATGTCCTGATTTGTTCTAGTATCAATAAACTGTATACTTGCTTTG  
AATTCATGTTAGCAATAAATGATGTAAAAA

SEQ ID NO. 27

>08\_TCC\_70E7\_M13F\_H01\_015.ab1.TXT ,constant: -1, poly A: no  
GGATCGACGACCTGCTTCCCAGANGCGNNCNGAGGNCCNCTTGTTNNNGNCNNGNANAC  
NNACCCANTTNANTTNAGCCTTTNTGNAATAAATATACACAGGCCACCCATGCCNTGAG  
CACACTAACCACNTGATGCAGGCCCCACCTTGCCAATAGTAATAAAGCANTGGGACGTTT  
TTTA

SEQ ID NO. 28

>13\_TCC\_71E4\_M13F\_E02\_018.ab1.TXT ,constant: -1, poly A: no  
GGGCCAAAGCCCGNGCATCCAANCCCANGCAAGGNACAAANGANCNNGGAGAGGANNACC  
CAAGCANNTNNCAACCATCAAATGGAGGGCANGCCCGGGG

SEQ ID NO. 29

>15\_TCC\_71H8\_M13F\_G02\_019.ab1.TXT ,constant: -1, poly A: no  
GGGCCAAAGCCGNGCATCCAANCCCANCGCANGGNANAAANGANGANGGANANGGATNAC  
CCANGCCTNTATTAACCATCAANTGGGANGGCAAGCCCGGGGCATNTATTGATT

SEQ ID NO. 30

>21\_TCC\_43E2\_M13F.TXT ,constant: -1, poly A: no  
AGGACCCCTGAANACNACACAGATCTGTGNGAAACAANGGNACNTAGCGTCCCNAAAGTG  
CCNGGTTNNNGTANNCNNAGNGNGNGACCNGNGCNCATNT

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 7

SEQ ID NO. 31

>24\_TCC\_96C7\_M13F.TXT ,constant: 16, poly A: yes  
ATCCAGAGACCATCAATCCTGCTAGAGTGCAGGGTGGCAAGCACCCAAGGGTGGCTGACC  
AAGACTGCAGAGTCTCCTCCATCTTCAGGTCCATTTCAGCCTCCTGGCATTCTAACTACCAG  
CATCCAGTGGTCCCCAAGGAATCCCTTCCTAGCCTCCTGACATGAGTCTGCTGGAAAGAG  
CATCCAAACAAACAAGTAATAAATAAATAAATAAACTCAAAAAAAAAA

SEQ ID NO. 32

>57\_TCC\_80C9\_M13F\_A08\_056.ab1.TXT ,constant: 17, poly A: yes  
CTGCAGGAGTCAGCGTTCAATCTTGACCTTGAAGATGGGAAGGATGTTCTTTTACGTAC  
CAATTCTTTTGTCTTTTGATATTAAGAAGAGTACATGTTTCATTGTAGAGAATTTGGAAA  
CTGTAGAAGAGAATCAAGAAGAAAAATAAAAATCAGCTGTTGTAATCACCTAGCAAAAAA  
AAA

SEQ ID NO. 33

B3  
>14\_TCC\_9B6\_M13F\_F02\_026.ab1.fa TIME: Wed Aug 9 12:48:25 2000 trimming information:  
raw\_sequence:871 (high quality:73-413) sequence:98-394 [length:297]  
CACGCATATGGGGCCAGTTCCACATATTTGGCAACCAGACCAGCATCCAG  
GACAACACAAAGTATGTTGTTTGTGTTAGAGGGCTTGGGACATTTCACT  
CTTTGCCAGCCTCAGCTTAATCCAGGAGACAAAGATTATTTTCCTTATTA  
TCTCTTCTGCATAGGATCTGCAATCAGAACTATTGAACTTCTCCATTGAG  
ACCGCCACTCACACCTATGGGAAAAGGGTAATGTATCATCGGCTTAGCAA  
CAGGGAATACTATTCGTATGATGGAAAATGGGGACAAAAGGCTTTGG

SEQ ID NO. 34

>24\_TCC\_12F3\_M13F\_H03\_031.ab1.fa TIME: Wed Aug 9 12:48:28 2000 trimming information:  
raw\_sequence:842 (high quality:82-340) sequence:98-476 [length:379]  
CTATGAATAGCTTCTTGCTTTATGACTTTAGGATTAACCTTGTAACAAAACA  
TATCCTGAACTAAGATATGCAAAATACTCATTTTCAAGTTATGGAAATGT  
GTTTGTGGCATATAGGACTGTGGGGTCTGTGTGTGTAGTGAGAGTGTGTA  
TCCACTATTATAACTGGAATTTAATTTACATTTCATAAACTACTATATTC  
CCATCTTGCAAATCATTTTATGTCTCATCTGTTTTTCCTTTCCGNTATAT  
CTTTGGNTTTGAATACCAACATTTAAATGATGGNATTTTATCTTTTAAA  
CTTAAAAATTATTTAATACAGCTATATGGACCTTATAAAATTGATTTCTT  
ATTTATTATTAGACATTACTACTAAAAGG

SEQ ID NO. 35

>26\_TCC\_13H10\_M13F\_B04\_032.ab1.fa TIME: Wed Aug 9 12:48:29 2000 trimming information:  
raw\_sequence:874 (high quality:67-356) sequence:99-261 [length:163]  
CTAACCCACGATTCTGAGCCCTGAGTATGCCTGGACATTGATGCTAACAT  
GACCATGCTTGGGATGTCTCTAGCTGGTCTGGGGATAGCTGGAGCACTTA  
CTCAGGTGGCTGGTGAAATGACACCTACGAAGGAATGAGTGCTATAGAGA  
GGAGAGAGGAGTG

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 8

SEQ ID NO. 36

>28\_TCC\_16D12\_M13F\_D04\_041.ab1.fa TIME: Wed Aug 9 12:48:29 2000 trimming information:  
raw\_sequence:866 (high quality:71-411) sequence:95-602 [length:508]  
CAGCTGATGTCATGTGGTGCTGAGAAGAAAGCAGATCACACTTCATCACA  
GAAAGAATGCCTTGTGATTATCTTCTCCACATCTGAAATTCCTTTTGACA  
CCTGCATTGGGCCGACTGCCATTCCCATGACTGCTGCACCTGCGTTTTTA  
GAGAATGCCTCATAACCCACTGATTCTCATTACAGAGAATGGGAATACG  
GAATGAAGAAAGATTCCAGCAGCTTATAGAAGGATAGCAATATTTTGGGA  
CAGGGAAAATCCTGTCATACCTCACCTCTTCCTCAGGAGGAGTTCTGAGC  
TGGTCCTGCTTTTCATAGNTGTTTCTTTCTTCCACTTAAGAACTCATAG  
ATTTTCTTACTGTCCTAAGGAAGTCCTTACCTCTGAGGTATCTCCTCAA  
TGAATACTGTTTTCAAGGCTGAAATAGTTCATTATGTTAATAACCTTCTT  
TATGTTCTCAGGGAAATGCTTAGGTGGTGTCACAAAAAGGGCCTTTTCTT  
TNCTTTNC

SEQ ID NO. 37

>29\_TCC\_17A5\_M13F\_E04\_034.ab1.fa TIME: Wed Aug 9 12:48:30 2000 trimming information:  
raw\_sequence:861 (high quality:83-477) sequence:99-187 [length:89]  
CTTCAAAAAGTGTATTGTCAAACATACCTAACTTTCTTGCAATAAATGCA  
AAAGAACTGGAACCTGACAATTATAAATAGTAATAGTG

SEQ ID NO. 38

83  
>54\_TCC\_30E5\_M13F\_F07\_062.ab1.fa TIME: Wed Aug 9 12:48:37 2000 trimming information:  
raw\_sequence:836 (high quality:65-394) sequence:90-235 [length:146]  
CAATTTGTTATAGTATAGTATCAAATTTCTATATAGATTTTATACCTCAG  
TGGGGAAAAATAACTGATTCCAATGACATTCATTTGTTTTTCATCTGTGA  
TAGTCATGGATGCTTTTATTTTCTTGGGGTGCTGAAATTGAGCTG

SEQ ID NO. 39

>59\_TCC\_34D5\_M13F\_C08\_065.ab1.fa TIME: Wed Aug 9 12:48:39 2000 trimming information:  
raw\_sequence:875 (high quality:63-434) sequence:96-244 [length:149]  
CCTGCCAAAATCCTACCACAGGATAACATTACAAGCAAAAAATTTACATG  
TTCCAAAGTCTACCACACTCAAGAAGTTACTAAGAACTCTTGCAGAATAA  
AAGTCACCATTTTAGAAATGCAAACCCACTTCCAACCTTTGCACAGTCC

SEQ ID NO. 40

>72\_TCC\_37E11\_M13F\_H09\_079.ab1.fa TIME: Wed Aug 9 12:48:43 2000 trimming information:  
raw\_sequence:899 (high quality:35-432) sequence:97-444 [length:348]  
CATTTTTAGTGACATTTTAAAAGCAGTCAGATTCTATAAATGGCAAGTAA  
GCCTGAAGTGAGGATACTGCAATTTTCGGAGAAAAGAACAGCAGCTCTTT  
AAGTGTGTTGCATTTTCTATTTGGGGGGCAGGGAAGTGTCAATTCATTTTGC  
ACAATTCTTGAAGTATGTCAGCACCCGAGTGGCTCCTGAATTTAAGTCT  
GGGACGACATCTTTTATTTTACATGAATCTTTAAACAATTCTGTGAGCA  
AAGTTTGTAGCTGCTGGATTATTGTCTGTCTTTATAGCAAGTTCCAGTAA  
ACCACAAGTATGGCAAAGCTTATCCAATTTTATGCTTGNAGCAGTCAG--

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 9

Please replace Table 6 on pages <sup>97</sup>~~91~~-100 with Table 6 as follows:

Table 6 Polynucleotides corresponding to the Genes described in Table 5.

SEQ ID NO. 41

>17\_TCC\_70E7\_1\_M13F.fa

GGTAGACGTACCTGCGTCCCAGACTTGACCAGGTGGATCTCCTGTTTTAC  
TCACGAGGACTTTCCCAGGAAAACCATGCCACTAGCAAATAATATAAAC  
AAAGGA

SEQ ID NO. 42

>17\_TCC\_70E7\_1\_M13R.fa

TTTTTTTTTTTTTTTTTGGCTAGAGGCATGGATATCCTGGGAAAGCTCTCC  
TGAGTAAAAGACGAGAGACACCTGGTGAAGACTGGAACGCATGTACGTCT  
ACC

SEQ ID NO. 43

>contig\_TCC\_101E11\_RF.fa

GGTCGACGTACCTGCGCAATAAAGCTGTCCATTCAATTCCAAATACTGGT  
TTTAAGGTATAGCCACTGATATTCTTTTCATGTTTAGAAATTCTTTCTGTT  
ATTATTCAAGAAAATGTTTTTAATCATGCTAATAAACTTTTTTGGAGATG  
AAAAAAAAAAAAAAAAAAAAA

SEQ ID NO. 44

>contig\_TCC\_102C5\_RF.fa

GCTGGTTGGGGGAATTGGAGGCTTCTAGGAGGTGGCAGGTGCACGCCAA  
GATGGCTGTGTCCACAGAGGAGCTGGAGGCCACGGTTCAGGAAGTCCTGG  
GGAGACTGAAGAGCCACCACTTTTCCAGTCCACATGGGACACTGTTGCC  
TTCATTGTTTTCTCCTCACCTTCATGGGCACCGTGCTGCTCCTGCTGCTGCT  
GGTCGTCGCCCACCTGCTGCTGCTGCAGCTCCCCCGGGCCCCGCAGGGAAA  
GCCCCAGGAAGGAAAGACCCAAGGGAGTGGATAACTTGGCCCTGGAACCC  
TGACCCTGTGTCTCTGCCCCGGTGGCAGTAACAAAGCCTTCTGTCTGCCC  
AGAAAAAAAAAAAAAAAAA

SEQ ID NO. 45

>contig\_TCC\_21G7\_RF.fa

CTAAATCTAGGTATTCTGGCTGAGTGTATCTGGGTGGGCCAGCTAAAAAT  
AAACCTCATTGAACTCCAGCCCCAACCCAGAGAAACATCCAGAAGAGCCT  
TGAATTAGTGATCCAAAACCCAGGGGAAAGGCGACATTCTACCCCCAG  
CACCCCCTTCACCTCACCTCAACTCCTACTCTCTCGGTCTATAATCACTG  
CTCTCTCTCTCCCCAACACCACTATTGAACAGGAGCCCTTGTCACCAGGT  
CCAAGCAATTCCCTAAGGTATCACAAACAATGGTGGATGCAATTTTACCT  
TACTCAGTAACCACGAGGCTCACATCCCTAATTTTCACTCTTACCAGCTC  
TCAGGTGCCCCCTCCAAGGGGCTGCCTGCATGAAGATGCCTTGGAAGTAGC  
CCCTTTCACAATCACAGGAATTAACCCCCTGGTGTGGAGGGGCCTCACT  
TTAAGCAATCCCAGTAGTAAACATTGGATAAATCTAAAGGCTTTCTTTAA  
TTTTTTTTTTCTCTTCGTAAAGGATTCAAAGCAGGCACAGTGGTG



Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 10

SEQ ID NO. 46

>contig\_TCC\_25F2\_RF.fa

CCCTGGGAGAGAAGTTTGAAGAAACCACAGCTGATGGCAGAAAACTCAG  
ACTGTCTGCAACTTTACAGATGGTGCATTGGTTTACGATCAGGAGTGGGA  
TGGGAAGGAAAGCACAATAACAAGAAAAATTGAAAGATGGGAAATTAGTGG  
TGGAGTGTGTCATGAACAATGTCACCTG

SEQ ID NO. 47

>contig\_TCC\_34A5\_RF.fa

CATGAGCAGGCTCAGCCTAGGGGAATAATTGCCAACAAACACTTTTGGGA  
AGCCTGGGACCATGGCTCTGCCAGGAATCTGTGACATCTCCAGGGCATCA  
TTTGAGTCCTGCCTTCTCAAAG

SEQ ID NO. 48

>contig\_TCC\_36B5\_RF.fa

CTCTTCTTATGCTAATATGCTCTGGGCTGGAGAAATGAAATCCTCAAGCC  
ATCAGGATTTGCTATTTAAGTGGCTTGACAACTGGGCCACCAAAGAACTT  
GAACTTCACCTTTTAGGATTTGAGCTGTTCTGGAACACATTGCTGCACTT  
TGGAAAGTCAAAATCAAGTGCCAGTGGCGCCCTTTCCATAGAGAATTTGC  
CCAGCTTTGCTTTAAAGATGTCTTGTCTTTTATATACACATAATCAATA  
GGTCCAATCTGCTCTCAAGGCCCTTGGTCCTGGTGGGATTCCTTCACCAAT  
TACTTTAATTAATAAATGGCTGCAACTGTAAGAACCCTTGTCTGATATATT  
TGCAACTATGCTCCCATTTACAAATG

SEQ ID NO. 49

>contig\_TCC\_42G5\_RF.fa

CCTTCCGAAATACTTCTCCAGGTGGCAGCACCAAGAATATTTCTGGAAG  
CATGTGATGAGTTGTGTGATGAAGATAGAGCCCATTTGTGCTGTCTCTCCA  
GGACACGTTGTGTGGCGTTGAAGAGCAGAAAGCAATGAAGTCCTTCTCCA  
CGTGGGTCTTGTAACAGCATCTTCTCCAGGTTCTCAGATGACTGTGAA  
GAGGCCACTTCCAAGGATGCTGGAGAGTCTCTGACCCACAGTTCCCCACG  
GTTTGCACCTCTGCAGGCCCTGGACAATGATGACCTTGGGTTTGTCTTCA  
GACTGAGGCAGTTGCGGTTGTTGAATATCTGGAAGATGGTGTCAATAAGC  
AGCACATCTGGTTTTTTCTCATCATGCACAGTTCCGCAGATTCCCTCCAG  
GATGCCATGAGACATGGG

SEQ ID NO. 50

>contig\_TCC\_44C1\_RF.fa

CTCATTGAACTTGAGCTCCGAGTCCTGATTACATCCAAGCTCTTCATCT  
TCTCATCAAGAGAGCCACATCCTTGAGCAGATGGGGCAACTGCTGGGTA  
ACCAGCTCTTTGAACTCGTTGACGCTGAGGCTATCCTTCCGGCCCTCCTG  
CCTTGCAAAGGTGAAGAAGGTGGTGACCACGGTCTCAATGGACTCCTCTA  
GCTCTGTCAAGTGGTTCTGCTGCCATTAGGACCTTGAGGCCAAAGCTGATG  
TCCTCAAGGGGCTAGCTGACCTTTGTGAGGGCTGACCTCTCCTCAGCGGC  
AGCAGGGCAGAGTGCTGAACCCAGGACCCACAGATCCTCCCCGCTCCTG  
TCTCCCGGTGACAAGGGTCTTGGAACGGGGCGTCTCTGACTCCCTGCTCC  
AGGACGGGTTTAG

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 11

SEQ ID NO. 51

>contig\_TCC\_54C11\_RF.fa

TTTTTTTTTTTTTTTTTGGTTACGGCAGCACTTTTATTTTTCCTTACACA  
ATGACGTGTTGCTGGGGCCTAATGTTCTCACATAACAGTAGAAAACCAAA  
ATTTGTTGTCATCTCTCAAAGAATCGAGAATTGCGTACAAAAAAAAAAAA  
AAAAAA

SEQ ID NO. 52

>contig\_TCC\_56E11\_RF.fa

CTCTCCAGTTTGCACCTGTCCCCACCCTCCACTCAGCTGTCCTGCAGCAA  
ACACTCCACCCTCCACCTTCCATTTTCCCCCACTACTGCAGCACCTCCAG  
GCCTGTTGCTATAGAGCCTACCTGTATGTCAATAAACACAGCTGAAGCA  
AAAAAAAAAAAAAAAA

SEQ ID NO. 53

>contig\_TCC\_57B3\_RF.fa

GGTACGACGGACCTGCGGAGACTCCTGCCCTGTTGTGTATAGATGCAAGA  
TATTTATATATATTTTTGTTGTCAATATTAAATACAGACACTAAGTTAT  
AGTATATCTGGACAAGCCAACTTGTAATAACACCACCTCACTCCTGTTAC  
TTACCTAAACAGATATAAATGGCTGGTTTTTTAGAAAAAAAAAAAAAAAA  
A

SEQ ID NO. 54

>contig\_TCC\_58A3\_RF.fa

GGCTGGAGCAGGAGATTGCCACCTACCGCCGCTGCTGGAGGGAGAGGAT  
GCCCACCTGACTCAGTACAAGAAAGAACCGGTGACCACCCGTCAGGTGCG  
TACCATTGTGGAAGAGGTCCAGGATGGCAAGGTCATCTCCTCCCGCGAGC  
AGGTCCACCAGACCACCCGCTGAGGACTCAGCTACCCCGGCCGCCACCC  
AGGAGGCAGGGAGGCAGCCGCCCATCTGCCCCACAGTCTCCGGCCTCTC  
CAGCCTCAGCCCCCTGCTTCAGTCCCTTCCCCATGCTTCCTTGCCTGATG  
ACAAATAAGCTTGTTGACTCAGCTAAAAAAAAAAAAAAAA

SEQ ID NO. 55

>contig\_TCC\_70E8\_RF.fa

TTTTTTTTTTTTTTTTTGCTAGTGGCATGGTTTTTCCTGGGAAAGTCCTCC  
TGAGTAAAAGAGGAGAGACACCTGGTGAAGACTGGGACGCAGGTACGTCT  
ACC

SEQ ID NO. 56

>contig\_TCC\_71E4\_RF.fa

CTCCAGCGATATGTTCAACTATGAAGAATACTGCACCGCCAACGCAGTCA  
CTGGGCCTTGCCGTGCATCCTTCCCACGCTGGTACTTTGACGTGGAGAGG  
AACTCCTGCAATAACTTCATCTATGGAGGCTGCCGGGGCAATAAGAACAG  
CTACCGCTCTGAGGAGGCCTGCATGCTCCGCTGCTTCCGCCAGCAGGAGA  
ATCCTCCCCCTGCCCTTGGCTCAAAGGTGGTGGTTCTGGCGGGGCTGTTC  
GTGATGGTGTGATCCTCTTCTGGGAGCCTCCATGGTCTACCTGATCCG  
GGTGGCACGGAGGAACAGGAGCGTGCCCTGCGCACCGTCTGGAGCTCCG  
GAGATGACAAGGAGCAGCTGGTGAAGAACACATATGTCCTGTGACCGCCC  
TGTCGCCAAGAGGACTGGGAAGGGAGGGGAGACTATGTGTGAGCTTTTTT

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 12

TAAATAGAGGGATTGACTCGGATTTGAGTGATCATTAGGGCTGAGGTCTG  
TTTCTCTGGGAGGTAGGACGGCTGCTTCCTGGTCTGGCAGGGATGGGTTT  
GCTTTGGAAATCCTCTAGGAGGCTCCTCCTCGCATGGCCTGCAGTCTGGC  
AGCAGCCCCGAGTTGTTTCCTCGCTGATCGATTTCTTTCCAGGTAGA  
GTTTTCTTTGCTTATGTTGAATTCATTGCCTCTTTTCTCATCACAGAAG  
TGATGTTGGAATCGTTTCTTTTGTGTTGTCTGATTTATGGTTTTTTTAAGT  
ATAAACAAAAGTTTTTTATTAGCATTCTGAAAGAAGGAAAGTAAAATGTA  
CAAGTTTAATAAAAAGGGGCCTTCCCCTTTAGAATAAATTTACGATGTG  
CTTTCAAAAAAAAAAAAAAAAAAAAA

SEQ ID NO. 57

>contig\_TCC\_75E3\_RF.fa

AAAGAGGGCGGCAGGGGCCCTGGAGATCCTCCTGCAGACCACGGCCGTCCT  
GCCTGTGGCGCCGTCCTCCAGGGGCTGCTTCCTCCTGGAAATTGACGAGGG  
GTGTCTTGGGCAGAGCTGGCTCTGAGCGCCTCCATCCAAGGCCAGGTTCT  
CCGTTAGCTCCTGTGGCCCCACCCTGGGCCCTGGGCTGGAATCAGGAATA  
TTTTCCAAAGAGTGATAGTCTTTTGCTTTTGGCAAACTCTACTTAATCC  
AATGGGTTTTTCTCTGTACAGTAGATTTTCCAAATGTAATAAACTTTAAT  
ATAAAGTAAAAAAAAAAAAAAAAAAAA

SEQ ID NO. 58

>contig\_TCC\_78B11\_RF.fa

GGACCGGAACAAGGACCAGGAGGTGAACCTCCAGGAGTATGTCACCTTCC  
TGGGGGCCTTGGCTTTGATCTACAATGAAGCCCTCAAGGGCTGAAAATAA  
ATAGGGAAGATGGAGACACCCTCTGGGGGTCTCTCTGAGTCAAATCCAG  
TGGTGGGTAATTGTACAATAAATTTTTTTTGGTCAAATTTAAAAAAAAAA  
AAAAAA

SEQ ID NO. 59

>contig\_TCC\_89G3\_RF.fa

CAGGAGACCATCCGCGTCAACCAAGCCCTGCACCCCCAAGACCAAAGCAAA  
GGCCAAAGCCAAGAAAGGGAAGGAAAGGACTAGACGCCAAGCCTGGATG  
CCAAGGAGCCCCCTGGTGTCACATGGGGCCTGGCCCACGCCCTCCCTCTCC  
CAGGCCCCGAGATGTGACCCACCAGTGCCTTCTGTCTGCTCGTTAGCTTTA  
ATCAATCATGCCCTGCCTTGTCCCTCTCACTCCCCAGCCCCACCCCTAAG  
TGCCCAAAGTGGGGAGGGACAAGGGATTCTGGGAAGCTTGAGCCTCCCC  
AAAGCAATGTGAGTCCCAGAGCCCGCTTTTGTCTTCCCCACAATCCAT  
TACTAAGAAACACATCAAATAAACTGACTTTTCCCCCAAAAAAAAAAAAA  
AAAAA

SEQ ID NO 60

>contig\_TCC\_92D7\_RF.fa

TTTTTTTTTTTTTTTGAAGACAACTTTTAGAACTGATGTTTATTTTCCA  
TCAACCATTTTTCCATGCTTAAGAGCCTATGCAAGAACAGCTTAAGA  
CCAGTCAGTGGTTGAAGTC

SEQ ID NO. 61

>contig\_TCC\_93G5\_RF.fa

GACTACCAGACCAACAAAGCCAAGCATGATGAGCTGACCTATTTCTGATC  
CTGACTTTTGGACAAGGCCCTTCAGCCAGAAGACTGACAAAGTCATCCTCC  
GTCTACCAGAGCGTGCCTTGTGATCCTAAAATAAGCTTCATCTCCGGGC  
TGTGCCCTTGGGTGGAAGGGCAGGATTCTGCAGCTGCTTTTGCATTT

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 13

CTCTTCCTAAATTTTCATTGTGTTGATTTCTTTCTTCCCAATAGGTGATC  
TTAATTACTTTTCAGAATATTTTCAAAATAGATATATTTTAAAAATCCTTA  
CAAAAAAAAAAAAAAAAA

SEQ ID NO. 62

>contig\_TCC\_94G3\_RF.fa

AAGGCTTATTCCATCCGGACCGCATCCGCCAGTCGCAGGAGTGCCCGCGA  
CTGAGCCGCTCCCACTCCACTCCTCCAGCCACCACCCACAATCACA  
AGAAGATTCCCACTCCCTGCCTCCCATGCCTGGTCCCAAGACAGTGAGACA  
GTCTGGAAAGTGATGTGAGAATAGCTTCCAATAAAGCAGCCTCATTCTGA  
GGCCTGAGTGAAAAAAAAAAAAAAAAAAAA

SEQ ID NO. 63

>contig\_TCC\_99G12\_RF.fa

AGCGGCTATGCAGGTGGTCTGAGCTCGGCCTATGGGGGCCTCACAAGCCC  
CGGCCTCAGCTACAGCTGGGCTCCAGCTTTGGCTCTGGCGCGGGCTCCA  
GCTCCTTCAGCCGCACCAGCTCCTCCAGGGCCGTGGTTGTGAAGAAGATC  
GAGACACGTGATGGGAAGCTGGTGTCTGAGTCCTCTGACGTCCTGCCCAA  
GTGAACAGCTGCGGCAGCCCCCTCCAGCCTACCCCTCCTGCGCTGCCCCA  
GAGCCTGGGAAGGAGGCCGCTATGCAGGGTAGCACTGGGAACAGGAGACC  
CACCTGAGGCTCAGCCCTAGCCCTCAGCCACCTGGGGAGTTTACTACCT  
GGGGACCCCCCTTGCCCATGCCTCCAGCTACAAAACAATTCAATTGCTTT  
TTTTTTTTTGGTCCAAAATAAACCTCAGCTAGCTCTGCCAATGTCAAAA  
AAAAAAAAAAAAAAAA

The first two sequences are from opposite ends of the same polynucleotide, (and are thus in the same gene) . All the other 21 sequences are contigs.

Marked up versions of new Tables III, IV, and 6 showing the changes made are attached hereto as **Exhibits B, C and D**, respectively.

Applicants maintain that the amendments to Tables III, IV, and 6 were made to introduce the sequence ID numbers and raise no issue of new matter. Accordingly, applicants respectfully request that the Amendment be entered.

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 14

Sequence Listing

The Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures indicates that a copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).

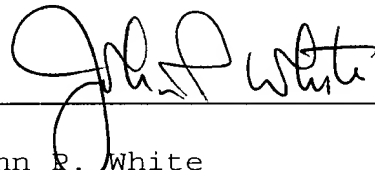
In response, applicants submit as **Exhibit E** hereto a computer readable form (CRF) copy of the "Sequence Listing" as required by 37 C.F.R. §1.825(e) and as **Exhibit F** hereto a courtesy paper copy of the sequence listing. Further, applicants submit herewith a Statement in accordance with 37 C.F.R. §1.821(f) as **Exhibit G**, certifying that the computer readable form containing the nucleic acid and/or amino acid sequences as required by 37 C.F.R. §1.821(e) contains the same information which was submitted as the "Sequence Listing" and contains no new matter.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invite the Examiner to telephone him at the number provided below.

Applicants: Elena Feinstein and Orna Mor  
U.S. Serial No.: 09/825,682  
Filed: April 4, 2001  
Page 15

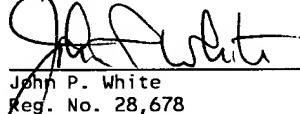
No fee is deemed necessary in connection with the filing of this Communication. If any other fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



John P. White  
Registration No. 28,678  
Attorney for Applicants  
Cooper & Dunham LLP  
1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner For Patents, P.O. Box 2327, Arlington, VA 22202, Box: Sequence

 8/1/02  
John P. White Date  
Reg. No. 28,678

### Marked-up Version of the Table III

Additions to the text are indicated by underlining>.

TABLE III

#### SEQ ID NO. 1

>40\_TCC\_13F11\_M13F.fa TIME: Sun Sep 10 11:42:06 2000 trimming  
information: raw\_sequence:582 (high quality:29-320) sequence:97-252  
[length:156]

TCCGTCTCATTGAGGGTCCTGAGGAAGTTGATCTCATCATTGAGGGCATC  
CACCTTGGCCTCCAGCTCCACCTTGCTCATGTAGGCAGCATCCACATCCT  
TCTTCAGCACCACAACTCATTCTCAGCAGCTGTGCGGCGGTTAATTTC  
TCTTCG

#### SEQ ID NO. 2

>04\_TCC\_94G3\_M13F.TXT.fa ,constant: 15, poly A: yes  
AAGGCTTATTCCATCCGGACCGCATCCGCCAGTCGCAGGAGTGCCCGGACTGAGCCGCC  
TCCCACCACTCCACTCCTCCAGCCACCACCCACAATCACAAGAAGATTCCCACCCCTGCC  
TCCCATGCCTGGTCCCAAGACAGTGAGACAGTCTGGAAAGTGATGTCAGAATAGCTTCCA  
ATAAAGCAGCCTCATTCTGAGGCCTGAGTGAAAAAAAAA

#### SEQ ID NO. 3

>20\_TCC\_60H4\_M13F.TXT.fa ,constant: -1, poly A: no  
CANTATATAACNAATTGGAGCTCAATNGCNCGCGGNCGCGTGTCTTCTGGGTAGAGGGAT  
GNGAAGGAAGGGACCCTTACCCCCGGCTCTTCTCCTGACCTGCCAATAAAAATTTATGGT  
CCAAGGNAAAANA

#### SEQ ID NO. 4

>26\_TCC\_44C1\_M13F.TXT.fa ,constant: -1, poly A: no  
ACTCATTGAACTTGAGCTCCGANTCCTGATTNCATCNAAGCTCTNNATCTGCTCATCAN  
GAGANCCACATCCTTGAGCAGATGGNGCANCTGCTGNTTAACCANCTCTNNGAACTCGN  
AGANNNTAAGGCTATCCTTCCGGNCCTCCTGCCTTGCAAAGGTGAAGAAAGTGGTGNNCA  
CNGTCNCAATGGANTCCTCTAGCTCTGTGAGTGGTTCTGCTGCNATTATGGAACCTGAGG  
CCAAAGCTGATGTCTCAAGGGGCTAGCTGACCTTTGTGAGGGCTGACCTCTCCTCAGCG  
GCAGCAGGGCAGAGTGCTGAACCCAGGAACCCACAGATCCTCCCCGNTCCTGTCTCCCGG  
TGACAAGGGTCTTGAACGGGGCGTCTCTGACTCCCTGCTCCAGGACGGGTTTAAGT

#### SEQ ID NO. 5

>29\_TCC\_48G1\_M13F.TXT.fa ,constant: -1, poly A: no  
ACTTTGAGAAGGCAGGACTCAAATGATGCCCTGGAGATGTCACAGATTCCTGGCAGAGCC  
ATGGTCCCAGGCTTCCCAAAGTGTTGTTGGCAATTATTCCCCTAGGCTGAGCCTGCTC  
ATGT

#### SEQ ID NO. 6

>31\_TCC\_65B9\_M13F.TXT.fa ,constant: -1, poly A: yes  
GACTAGAACCCACCCCTTNCCTTCCAGCCTTTCTGTGTCATCATCTCCACAGNCCANCCAT  
CCCCTGAGCACACTAACCATCTCATGCAGGCCCCACCTGCCAATAGTAATAAAGCAATGT  
CACTTTGTTAAAACATGAAAAAAAAA

#### SEQ ID NO. 7

>47\_TCC\_91B11\_M13F.TXT.fa ,constant: -1, poly A: yes  
CTAGTATACACTCCNCATAGNATACGTTGCAGCTCAATTGCGCGCGGNCGCGGACGACGA  
CCTGCGAGGGTGTCTTCTGGGTAGAGGGATGGGAAGGAAGGGACCCTTACCCCCGGCTCT  
TCTCCTGACCTGCCAATAAAAATTTATGGTCCAAGGAAAAAAAAA

SEQ ID NO. 8

>10\_TCC\_53H11\_T3

TTTTTNNATNTTATTTTGGGTATTGGTGTNTTTCTTTTTTCTTNCCTTCTTAACT  
CAAGACTTGTAGTGTGTAAACCTGCCTCACAAAATACATGGTAATAACTTNTCTTTAA  
AAAANAAAAAGACAGNCTTNACACCATTTCTAATNGNANNACTATTTTGGGCAATGTT  
ATGCACCACTTCAATTTCCCCATTGTGACCCCTATCACTTCATTTGATATCCCTTTTNGA  
CCCANCCATCTCCTTCATATATGGGCATGTCCATAGATTGACAAAGAAAGTTTACACTTT  
NGAATAAAGATGCAAAGTATGCAAAAACATTAATACTGATGCNAAAAAANTANAAAA

SEQ ID NO. 9

>07\_TCC\_57B3\_M13F.TXT ,constant: -1, poly A: yes

GGTACCGACGGACCTGCGGAGACTCCTGCCCTGTTGTGTATAGATGCAAGATATTTATAT  
ATATTTTTGGTTGCAATATTAAATACAGACACTAAGTTATAGTATATCTGGCAAGCCAAC  
TTGTAAATCACCACCTCACTCCTGTACTTACCTAAACAGATATAAATGGCTGGTTTTTAA  
GAAAAA

SEQ ID NO. 10

>11\_TCC\_25F2\_M13F.TXT ,constant: -1, poly A: no

ACCTGGGAGAGAAGTTTGAAGAAACCACAGCTGATGGCAGAAAACTCAGACTGCTGCA  
ACTTTACAGATGGTGCATTGNGTCAGCATAGGAGTGAGATGGGGAAGGAAAGCACANTAA  
CAAGAAAATTGANAGATGNTAAATTAGTGNTGGAGTGTGTATGAACAATGCACCTGT

SEQ ID NO. 11

>25\_TCC\_50G5\_M13F.TXT ,constant: 17, poly A: yes

TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTTAAATGTTACAACAACATTT  
TTTTAAGAAAAACATGTTTTAGAAATTTGGTTTCAAGTGACATGTGTGAAAACAATATCG  
ATACTACCATAGTGAGCCATGATTTTCTAAAAA

SEQ ID NO. 12

>26\_TCC\_50G6\_M13F.TXT ,constant: 17, poly A: yes

TAGTGTGGAAGCATAGTGAACACACTGATTAGGTTATGGTTTAAATGTTACAACAACATTT  
TTTTAAGAAAAACAAGTTTTAGAAATTTGGTTCAAGTGACATGTGTGAAAACAATATTGT  
ATACTACCATAGTGAGCCATGATTTTCTAAAAA

SEQ ID NO. 13

>26\_TCC\_75E3\_M13F\_B04\_032.ab1.TXT ,constant: 16, poly A: yes

AAAGAGGGCGGCAGGGGCCTGGAGATCCTCCTGCAGACCACGCCCCGTCTGCCTGTGGCG  
CCGTCTCCAGGGGCTGCTTCCTCCTGGAAATTGACGAGGGGTGTCTTGGGCAGAGCTGGC  
TCTGAGCCGCCCTCCATCCAAGGCCAGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGG  
CCCTGGGCTGGAATCAGGAATATTTTCCAAAGAGTGATAGTCTTTTTGCTTTTTGGCAA  
ACTCTACTTAATCCAATGGGTTTTTCTCTGTACAGTAGATTTTCCAAATGTAATAAACTT  
TAATATAAAGTAAAAA

SEQ ID NO. 14

>30\_TCC\_76B3\_M13F\_F04\_042.ab1.TXT ,constant: 16, poly A: yes

AAAGTCATCCTCCGTCTACCAGAGCGTGCACTTGTGATCCTAAAATAAGCTTCATCTCCG  
GGCTGTGCCCCTTGGGGTGGAAGGGGCAGGATTCTGCAGCTGCTTTTGCATTTCTCTTCC  
TAAATTTCAATTGTGTTGATTTCTTTCTTCCCAATAGGTGATCTTAATTACTTTTCAGAAT  
ATTTTCAAATAGATATATTTTTTAAATCCTTAAAAA



SEQ ID NO. 15

>38\_TCC\_56E11\_M13F.TXT ,constant: -1, poly A: yes  
CTCTCCAGTTTGCACCTGTCCCCACCCTCCACTCAGCTGTCTGCAGCAAACACTCCACC  
CTCCACCTTCCATTTTCCCCCACTACTGCAGCACCTCCAGGCCTGTTGCTATAGAGCCTA  
CCTGATGTCAATAAACACAGCTGAAGCAAAAAAAAA

SEQ ID NO. 16

>46\_TCC\_78B11\_M13F\_F06\_058.ab1.TXT ,constant: 16, poly A: yes  
AGGAAAGGTGNGNGCTGGAAGCACTGAACCTACCTCATCTCCTGGTGGGTGTGGCTACC  
CTCGCCACCCCAAATTCATGTTCATTAAAGAACAGCTAAATTCAAAAAAAAA

SEQ ID NO. 17

>53\_TCC\_79G2\_M13F\_E07\_054.ab1.TXT ,constant: 16, poly A: no  
TGTCCGTCTTCACCCATCCCCAAGCCTACTAGAGCAAGAAACCAGTTGTAATATAAAATG  
CACTGCCCTACTGTTGGTATGACTACCGTTACCTACTGTTGTCATTGTTATTACAGCTAT  
GGCCACTATTATTAAAGAGCTGTGTAACATCAAAAAA

SEQ ID NO. 18

>82\_TCC\_89G3\_M13F\_B11\_092.ab1.TXT ,constant: 16, poly A: yes  
CAGGAGACCATCCGCGTCACCAAGCCCTGCACCCCCAAGACCAAAGCAAAGGCCAAAGCC  
AAGAAAGGGAAGGGAAAGGACTAGACGCCAAGCCTGGATGCCAAGGAGCCCCCTGGTGTCA  
CATGGGGCCTGGCCCCACGCCCTCCCTCTCCCAGGCCCGAGATGTGACCCACCAGTGCCTT  
CTGTCTGCTCGTTAGCTTTAATCAATCATGCCCTGCCTTGTCCCTCTCACTCCCCAGCCC  
CACCCCTAAGTGCCCCAAGTGGGGAGGGACAAGGGATTCTGGGAAGCTTGAGCCTCCCCC  
AAAGCAATGTGAGTCCCAGAGCCCGCTTTTGTCTCTCCCCACAATTCCATTACTAAGAAA  
CACATCAAATAAACTGACTTTTTTCCCCCAXAAAAA

SEQ ID NO. 19

>35\_TCC\_21D6\_M13F\_C05\_037.ab1.fa TIME: Wed Aug 9 12:48:31 2000  
trimming information: raw\_sequence:889 (high quality:34-340)  
sequence:95-456 [length:362]  
CTTTGACGTGGAGAGGAACCTCGCAATAACTTCATCTATGGAGGCTGCC  
GGGGCAATAAGAACAGCTACCGCTCTGAGGAGGCCTGCATGCTCCGCTGC  
TTCCGCCAGCAGGAGAATCCTCCCCTGCCCTTGGCTCAAAGGTGGTGCT  
TCTGGCGGGGCTGTTTCGTGATGGTGTGATCCTCTTCTTGGGAGCCTCCA  
TGGTCTACCTGATCCGGGTGGCACGGAGGAACCAGGAGCGTGCCCTGCGC  
ACCGTCTGGAGCTCCGNAGATGACAAGGAGCAGCTGGTGAAGAACACATA  
TGTCCTGTGACCGCCCTGTGCGCAAGAGGACTGGNGAAAGGGAGGGGAGA  
CTATGTGTGAGC

SEQ ID NO. 20

>46\_TCC\_27H5\_M13F\_F06\_058.ab1.fa TIME: Wed Aug 9 12:48:35 2000  
trimming information: raw\_sequence:892 (high quality:169-406)  
sequence:170-287 [length:118]  
AAAAAGAGTAAAACACTTTTCAGTTTCTCCCCTTTAGCCCCCTAAAACAACA  
TCTTACAGTCTGGATCTGGATCTACCTATACAGTCCTACATTAGCTTCTA  
AAATATTTGTCAGGAGGG